

Learning to Fly: The Wright Brother's Adventure			
2010 Science			
Standards of Learning			
Virginia Science			
Grade 6			
Activity/Lesson	State	Standards	
The Society	VA	SCI.6.6.8.i	The student will investigate and understand the organization of the solar system and the relationships among the various bodies that comprise it. Key concepts include the history and technology of space exploration.
Wright Brothers: 1902 Glider	VA	SCI.6.6.1.i	The student will investigate and understand the properties of air and the structure and dynamics of the Earth's atmosphere. models and simulations are designed and used to illustrate and explain phenomena and systems; and
1905: Complete a Flight at Last	VA	SCI.6.6.8.i	The student will investigate and understand the organization of the solar system and the relationships among the various bodies that comprise it. Key concepts include the history and technology of space exploration.
Learning to Fly: The Wright Brother's Adventure			
2010 Science			
Standards of Learning			
Virginia Science			
Grades 7-8 (Physical Science)			
Activity/Lesson	State	Standards	
The Society	VA	SCI.7-8.PS.1.k	The student will demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations in which research methods are used to investigate practical problems and questions;
1901: The First Improvement	VA	SCI.7-8.PS.1.b	The student will demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations in which length, mass, volume, density, temperature, weight, and force are accurately measured;

1902: Success at Last	VA	SCI.7-8.PS.1.m	The student will demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations in which models and simulations are constructed and used to illustrate and explain phenomena; and
Learning to Fly: The Wright Brother's Adventure			
2010 Science			
Standards of Learning			
Virginia Science			
Grades 9-12 (Physics)			
Activity/Lesson	State	Standards	
1901: The First Improvement	VA	SCI.9-12.PH.1.f	The student will plan and conduct investigations in which models and simulations are used to visualize and explain phenomena, to make predictions from hypotheses, and to interpret data; and
New Data	VA	SCI.9-12.PH.1.c	The student will plan and conduct investigations in which information is recorded and presented in an organized format;
New Data	VA	SCI.9-12.PH.1.d	The student will plan and conduct investigations in which the limitations of the experimental apparatus and design are recognized;